

**THORPE  
NORTH &  
WESTERN LLP**  
SINCE 1979  
THE TEAM APPROACH TO PREMIER PERFORMANCE®

INTELLECTUAL PROPERTY LAW

PATENTS, TRADEMARKS,  
COPYRIGHTS, UNFAIR  
COMPETITION, TRADE SECRETS,  
LITIGATION, DISPUTE RESOLUTION  
AND RELATED MATTERS

**SALT LAKE AREA OFFICE**  
8180 SOUTH 700 EAST, SUITE 200  
SANDY, UTAH 84070-0562  
801.566.6633  
801.566.0750 FAX  
PATLAW@TNW.COM  
WWW.TNW.COM

**U.S. MAILING ADDRESS**  
P.O. Box 1219  
SANDY, UTAH 84091-1219

**LAS VEGAS AREA OFFICE**  
OF COUNSEL: NEIL J. BELLER †  
7408 WEST SAHARA  
LAS VEGAS, NEVADA 89117  
702.368.7767  
† ADMITTED IN NEVADA

VAUGHN W. NORTH  
M. WAYNE WESTERN  
GARRON M. HOBSON  
PETER M. DE JONGE  
CLIFTON W. THOMPSON  
STEVE M. PERRY  
WEILI CHENG, PH.D.  
DAVID R. MCKINNEY, PE.  
GARY P. OAKESON  
DAVID W. OSBORNE  
DAVID L. STOTT  
JASON R. JONES  
PAUL C. OESTREICH, M.S.  
ERIK S. ERICKSEN, M.S.  
REGISTERED PATENT ATTORNEYS

NATHAN S. WINESETT  
OF COUNSEL

BRYAN K. HANKS  
PATENT AGENT

ALEX HAYMOND, B.S. EE  
TODD B. ALDER, PH.D.  
JONATHAN M. BENNS, PH.D.  
AARON M. SMITH, B.S. EE  
WILLIAM T. RALSTON, PH.D. EE  
TECHNICAL CONSULTANTS

CALVIN E. THORPE  
(1938-1999)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir/Madam:

Transmitted herewith for filing is the patent application of White, et al. for  
LIGHTWEIGHT FOUR-STROKE ENGINE comprising 21 pages of specification and  
claims.

X Priority of application no. 60/395,707 filed July 12, 2002, in the U.S. Patent  
Office is hereby claimed.

Enclosed also are:

X 14 sheet(s) of drawings.

\_\_\_ Declaration, Power of Attorney and Petition.

\_\_\_ Nonpublication Request Under 35 USC 122(b)(2)(B)(i).

\_\_\_ An Assignment.

## CERTIFICATE OF DEPOSIT

EXPRESS MAIL LABEL NO.: EV 329 938 715 US

DATE OF DEPOSIT: July 11, 2003

I hereby certify that this paper or fee (along with any paper or fee referred to as being attached or enclosed) is being deposited with the  
United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is address  
to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*[Signature]*  
Clifton W. Thompson]

07/11/03

19704 U.S. PTO

10/618460

07/11/03

X A Certificate of Mailing by "Express Mail" certifying a filing date of July 11, 2003, by use of Express Mail Label No. EV 329 938 715 US.

X Applicant claims small entity status under 37 CFR 1.9(b) & 1.27(c).

Information Disclosure Statement under 37 C.F.R. § 1.97, PTO Form-1449 with listed references attached (if indicated as being attached by the Information Disclosure Statement). The filing fee has been calculated as shown below.

			SMALL ENTITY		OTHER THAN A SMALL ENTITY	
FOR	NO. FILED	NO. EXTRA	RATE	FEE	RATE	FEE
BASIC FEE				\$375		\$750
TOT. CLAIMS	-20 =		x 9 =	\$	x 18 =	\$
IND. CLAIMS	-03 =		x 42 =	\$	x 84 =	\$
MULTIPLE DEPENDENT CLAIMS PRESENTED			\$140		\$280	
ASSIGNMENT FILING FEE			\$ 40		\$ 40	
			TOTAL		TOTAL	

Please address all future correspondence in connection with the above-identified patent application to the attention of the undersigned.

Dated this 11th day of July, 2003.

Respectfully submitted,



Clifton W. Thompson  
Attorney for Applicant  
Registration No. 36,947

THORPE NORTH & WESTERN, LLP  
P.O. Box 1219  
Sandy, Utah 84091-1219  
Telephone: (801) 566-6633

CWT:ja

Enclosures